

JMS 3/2/01

1652

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/601,490

DATE: 02/12/2001
TIME: 16:50:47

Input Set : A:\P260SQ.txt
Output Set: N:\CRF3\02122001\I601490.raw

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MAR 01 2001

TECH CENTER 1600/2900

ENTERED

3 <110> APPLICANT: Collen, DESIRE J
5 <120> TITLE OF INVENTION: Identification, Production and Use of Staphylokinase
6 Derivatives with Reduced Immunogenicity and/or Reduced
7 Clearance
9 <130> FILE REFERENCE: 702-001463
11 <140> CURRENT APPLICATION NUMBER: 09/601,490
C--> 12 <141> CURRENT FILING DATE: 2000-09-21
14 <150> PRIOR APPLICATION NUMBER: PCT/EP99/00748
15 <151> PRIOR FILING DATE: 2999-02-04
17 <150> PRIOR APPLICATION NUMBER: EP 98200323.8
18 <151> PRIOR FILING DATE: 1998-02-04
20 <150> PRIOR APPLICATION NUMBER: EP 98200365.9
21 <151> PRIOR FILING DATE: 1998-02-06
23 <160> NUMBER OF SEQ ID NOS: 10
25 <170> SOFTWARE: PatentIn Ver. 2.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 136
29 <212> TYPE: PRT
30 <213> ORGANISM: Staphylococcus aureus
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33 Ser Ser Ser Phe Asp Lys Gly Lys Tyr Lys Lys Gly Asp Asp Ala Ser
34 1 5 10 15
36 Tyr Phe Glu Pro Thr Gly Pro Tyr Leu Met Val Asn Val Thr Gly Val
37 20 25 30
39 Asp Ser Lys Gly Asn Glu Leu Leu Ser Pro His Tyr Val Glu Phe Pro
40 35 40 45
42 Ile Lys Pro Gly Thr Thr Leu Thr Lys Glu Lys Ile Glu Tyr Tyr Val
43 50 55 60
45 Glu Trp Ala Leu Asp Ala Thr Ala Tyr Lys Glu Phe Arg Val Val Glu
46 65 70 75 80
48 Leu Asp Pro Ser Ala Lys Ile Glu Val Thr Tyr Tyr Asp Lys Asn Lys
49 85 90 95
51 Lys Lys Glu Glu Thr Lys Ser Phe Pro Ile Thr Glu Lys Gly Phe Val
52 100 105 110
54 Val Pro Asp Leu Ser Glu His Ile Lys Asn Pro Gly Phe Asn Leu Ile
55 115 120 125
57 Thr Lys Val Val Ile Glu Lys Lys
58 130 135
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 20
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: Forward primer
68 for construction of SakSTAR variants
70 <400> SEQUENCE: 2
71 caggaaacag aattcaggag

20

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76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence: Backward
81     primer for construction of SakSTAR variants
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84 caaaacagcc aagcttcatt cattcagc                28
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 28
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Selection
94     primer LY34
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97 caaaacagcc gagcttcatt cattcagc                28
100 <210> SEQ ID NO: 5
101 <211> LENGTH: 27
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer 818D
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109 caaacagcca agcttcattc attcagc                27
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113 <211> LENGTH: 41
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118 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutagenic
119     primer LY58
121 <400> SEQUENCE: 6
122 ttcagcatgc tgcagttatt tcttttctgc aacaaccttg g        41
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 27
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131 <223> OTHER INFORMATION: Description of Artificial Sequence: Backward
132     primer for production of K102C
134 <400> SEQUENCE: 7
135 tatgataaga attgcaaaaa agaagaa                27
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 27
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:

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144 <223> OTHER INFORMATION: Description of Artificial Sequence: Forward primer
145 for construction of K102C
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148 ttctttctttt ttgcaattct tatcata 27
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156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: Backward
158 primer for construction of K109C
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171 for construction of K109C
173 <400> SEQUENCE: 10
174 tagggaaaga gcacgtttct tcttttt 27

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/601,490

DATE: 02/12/2001

TIME: 16:50:48

Input Set : A:\P260SQ.txt

Output Set: N:\CRF3\02122001\I601490.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date